

APPLICANT'S  
COPY

SHEET 1 OF 1

Form PTO 1449  
(Modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.  
210022US55CONT

SERIAL NO.  
NEW U.S. APPLICATION

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Alan K. SMITH et al

FILING DATE

HEREWITH

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,674,750	10/7/1997	KRAUS	435	372	
	AB	5,728,581	3/17/1998	SCHWARTZ	435	385	
	AC	5,925,567	7/20/1999	KRAUS	435	372	
	AD						
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	AO					
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	Ager et al., "Immunology Today, Immune Receptor Supplement, Second Edition, Elsevier Trends Journals, Cambridge, UK. Pages 10 and 21
	AX	
	AY	
	AZ	

Examiner

David A. Saunders

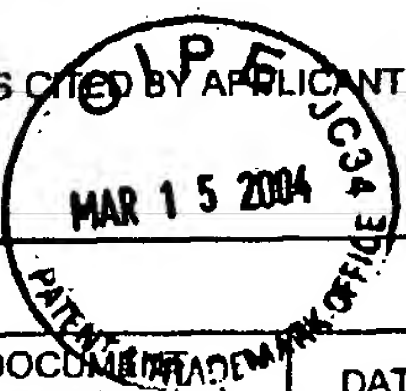
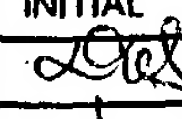

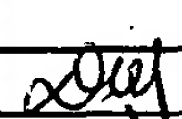
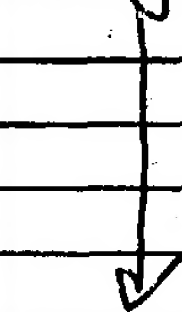
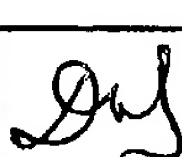

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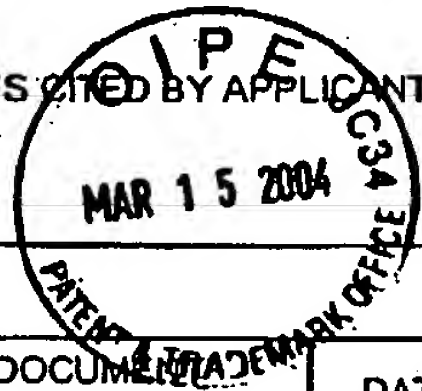


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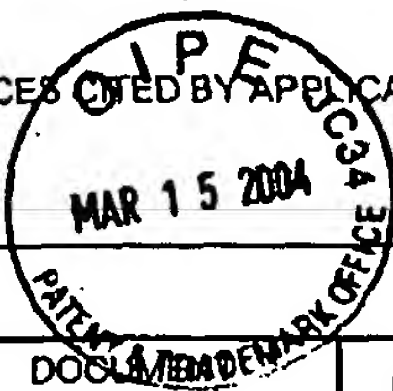
\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 210022US55CONT		SERIAL NO. 09/893,470	
LIST OF REFERENCES CITED BY APPLICANT  <div style="text-align: center;">  </div>				APPLICANT Alan K. SMITH et al.			
				FILING DATE June 29, 2001		GROUP 1644	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
 	AA	6,326,198	12/04/01	Emerson et al	—	—	
	AB	6,299,650	10/09/01	Van Blitterswijk et al	—	—	
	AC	5,811,094	09/22/98	Caplan et al	—	—	
	AD	5,646,043	07/08/97	Emerson et al	—	—	
	AE	4,135,975	01/23/79	Lichtman et al	—	—	
	AF	4,514,499	04/30/85	Noll	—	—	
	AG	4,861,714	08/29/89	Dean et al	—	—	
	AH	5,032,407	07/16/91	Wagner et al	—	—	
	AI	5,605,822	02/25/97	Emerson et al	—	—	
	AJ	5,670,351	09/23/97	Emerson et al	—	—	
	AK	4,481,946	11/13/84	Altshuler et al	—	—	
	AL	4,714,680	12/22/87	Civin	—	—	
	AM	4,889,812	12/26/89	Guinn et al	—	—	
AN	5,032,508	07/16/91	Naughton et al	—	—		
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 	AO	90/15877A2	12/27/90	WIPO w/Abstract			
	AP	95/06409	03/09/95	WIPO w/Abstract			
	AQ	0 358 506	03/14/90	Europe w/Abstract			
	AR	0 455 482	11/06/91	Europe w/Abstract			
	AS	93/18136	09/16/93	WIPO w/Abstract			
	AT	93/18137	09/16/93	WIPO w/Abstract			
	AU						
AV							
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
 	AW	M. W. Glacken et al., "Mammalian cell culture: engineering principles and scale-up", Trends in Biotechnology, Vol. 1, No. 4, 1983, PP. 102-108					
	AX	Steven A. ROSENBERG et al., "In Vitro Growth of Murine T Cells II. Growth of in Vitro Sensitized Cells Cytotoxic for Alloantigens", The Journal of Immunology, Vol. 121, No. 5. November 1978, PP. 1951-1955					
	AY	W. French ANDERSON, "Prospects for Human Gene Therapy", Science, Vol. 26, October 26, 1987, pp. 401-409					
	AZ	T.M. Dexter, "The Message in the medium", Nature, Vol. 309, June 1984, pp 746-747					
Examiner David A. Saunders				Date Considered 6/15/04			
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	BA	5,945,225	08/31/99	Spelth-Herfurth et al	—	—	
	BB	5,670,147	09/23/97	Emerson et al	—	—	
	BC	5,199,942	04/06/93	Gillis	—	—	
	BD	4,808,611	02/28/89	Cosman	—	—	
	BE	4,963,489	10/16/90	Naughton et al	—	—	
	BF	5,061,620	10/29/91	Tsukamoto et al	—	—	
	BG	5,922,597	07/13/99	Verfaillie et al	—	—	
	BH	5,399,493	03/21/95	Emerson et al	—	—	
	BI	4,810,643	03/07/89	Souza	—	—	
	BJ	4,965,204	10/23/90	Civin	—	—	
	BK	5,851,832	12/22/98	Weiss et al	—	—	
	BL	5,635,386	06/03/97	Palsson et al	—	—	
	BM	4,486,188	12/04/84	Altshuler et al	—	—	
	BN	4,847,201	07/11/89	Kaswasaki et al	—	—	
<b>FOREIGN PATENT DOCUMENTS</b>							
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	BO						
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<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	BW	Manfred R. Koller, et al. "Expansion of Primitive Human Hematopoietic Progenitors in a Perfusion Bioreactor System with LL-3, LL-6, and Stem Cell Factor", Biotechnology, Vol. 11, March, 1993, pp. 358-363					
	BX	Bernhard O. PALSSON et al, "Expansion of Human Bone Marrow Progenitor Cells in a High Cell Density Continuous Perfusion System", Biotechnology, Vol. 11, March, 1993, pp. 368-372					
	BY	Giovanni MIGLIACCIO et al., "In Vitro Differentiation of Human Granulocyte/Macrophage and Erythroid Progenitors: Comparative Analysis of the Influence of Recombinant Human Erythropoietin, G-CSF, GM-CSF, and IL-3 in Serum-Supplemented and Serum-Deprived Cultures", Blood, Vol. 72, No. 1 July 1988, pp. 248-255					
	BZ	Ian K. McNiece et al., "Studies on the Myeloid Synergistic Factor From 5637: Comparison with Interleukin-1 Alpha", Blood, Vol. 73, No. 4 (March), 1989, pp. 919-923					
Examiner <i>David A. Schneider</i>					Date Considered <i>8/15/04</i>		
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U.S. PATENT DOCUMENTS							
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<i>Def</i>	CA	5,004,681	04/02/91	Boyse et al	435	2	
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>Def</i>	CW	Paul BAINES et al., Exp. Hematol. 16:785-789 (1988)					
	CX	Jan A. NOLTA et al., Human Gene Therapy, 1:257-268 (1990)					
	CY	John R. STEPHENSON et al., Proc. Nat. Acad. Sci. U.S.A., Vol. 68, No. 7, pp. 1542-1546, July 1971					
	CZ	Giovanni MIGLIACCIO et al., Exp. Hematol. 18:1049-1055 (1990)					
Examiner <i>David A. Schneider</i>					Date Considered <i>6/14/04</i>		
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LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Alan K. SMITH et al

FILING DATE

June 29, 2002

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
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## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

<i>DW</i>	DW	Richard M. Schwartz et al., "In Vitro Myelopoiesis Stimulated by Rapid Medium Exchange and Supplementation With Hematopoietic Growth Factors", Blood, Vol 78, No. 12, December 15, 1991, pp. 3155-3161
<i>DX</i>	DX	Rob E. Ploemacher et al., "Use of Limiting-Dilution Type Long-Term Marrow Cultures in Frequency Analysis of Marrow-Repopulating and Spleen Colony-Forming Hematopoietic Stem Cells in the Mouse", Blood, Vol 78, No. 10 (November 15, 1991, pp. 2527-2533
<i>DY</i>	DY	Manfred R. Koller et al., "Effects of Synergistic Cytokine Combinations, Low Oxygen, and Irradiated Stroma on the Expansion of Human Cord Blood Progenitors", Blood, Vol 80, No. 2 (July 15, 1992), pp. 403-411
<i>DZ</i>	DZ	J. AIKEN et al., Journal of Pediatric Surgery, Vol. 25, No. 1 (January), 1990; pp. 140-145

Examiner

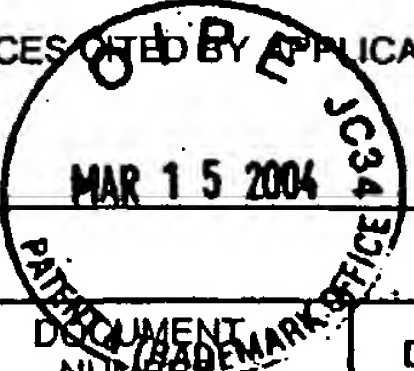
*David A. Saunders*

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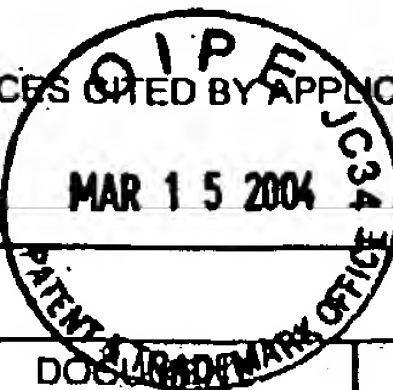
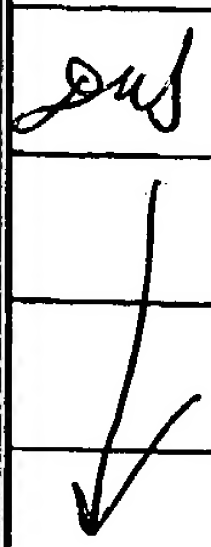
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LIST OF REFERENCES CITED BY APPLICANT  MAR 15 2004 U.S. PATENT & TRADEMARK OFFICE				APPLICANT Alan K. SMITH et al I			
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U.S. PATENT DOCUMENTS							
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>dos</i>	EW	C. FAVRE et al., "Interleukin-4 has Basophilic and Eosinophilic Cell Growth-Promoting Activity on Cord Blood Cells", Blood, Vol. 1, January 1, 1990, pp. 67-73					
<i>J</i>	EX	Yoichi TAKAUE et al., "Limiting-Dilution Analysis of the Effects of Colony-Stimulating Factors, Phytohemagglutinin, and Hydrocortisone on Hematopoietic Progenitor Cell Growth", Blood, Vol. 70, No. 5, November, 1987, pp. 1611-1618					
<i>J</i>	EY	Yoichi TAKAUE et al., "Effect of Recombinant Human G-CSF, GM-CSF, IL-3, and IL-1 $\alpha$ on the Growth of Purified Human Peripheral Blood Progenitors", Blood, Vol. 76, No. 2, July 15, 1990, pp. 330-335					
<i>↓</i>	EZ	H. J. Sutherland et al., "Alternative Mechanisms With and Without Steel Factor Support Primitive Human Hematopoiesis", Blood, Vol. 81, No. 6, March 15, 1993, pp. 1465-1470					
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<i>Lucia</i>	FW	Lucia H. Coutinho et al., "Effects of Recombinant Human Granulocyte Colony-Stimulating Factor (CSF), Human Granulocyte Macrophage-CSF, and Gibbon Interleukin-3 on Hematopoiesis in Human Long-Term Bone Marrow Culture", Blood, Vol. 11, June 1, 1990, pp. 2118-2129					
/	FX	Susan C. GUBA et al., "Bone Marrow Stromal Fibroblasts Secrete Interleukin-6 and Granulocyte-Macrophage Colony-Stimulating Factor in the Absence of Inflammatory Stimulation: Demonstration by Serum-Free Bioassay, Enzyme-Linked Immunosorbent Assay, and Reverse Transcriptase Polymerase Chain Reaction", Blood, Vol. 80, No. 5, September 1, 1992, pp. 1190-1198					
/	FY	Richard M. SCHWARTZ et al., "Rapid medium perfusion rate significantly increases the productivity and longevity of human bone marrow cultures", Proc. Natl. Acad. Sci. USA, Vol. 88, pp. 6760-6764, August 1991					
✓	FZ	David E. HARRISON et al., "Primitive hemopoietic stem cells: direct assay of most productive populations by competitive repopulation with simple binomial, correlation and covariance calculations", Experimental Hematology 21:206-219 (1993)					
Examiner <i>David A. Lawrence</i>					Date Considered <i>6/14/04</i>		
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>See</i>	GW	D. KRUMWIEH et al., "Predclinical Studies on Synergistic Effects of IL-1, IL-3, G-CSF and GM-CSF in Cynomolgus Monkeys", International Journal of Cell Cloning 8:229-248, Suppl. 1 (1990)					
<i>✓</i>	GX	Makio OGAWA, Ph.D., "Effects of Hemopoietic Growth Factors on Stem Cells in Vitro", Hematology/Oncology Clinics of North America, Vol. 3(3) September 1989, pp. 453-464					
<i>✓</i>	GY	Jerry CALDWELL et al., "Culture Perfusion Schedules Influence the Metabolic Activity and Granulocyte-Macrophage Colony-Stimulating Factor Production Rates of Human Bone Marrow Stromal Cells", Journal of Cellular Physiology, 147:344-353 (1991)					
<i>✓</i>	GZ	C.M. HEYWORTH et al., "The Role of Hemopoietic Growth Factors in Self-Renewal and Differentiation of IL-3-Dependent Multipotential Stem Cells", Growth Factors, 1990, Vol. 2, pp. 197-211					
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
<div style="font-size: 2em; margin-top: 10px;">  </div>	HW	Shiang HUANG et al., "Formation of haematopoietic Microenvironment and haematopoietic stem cells from single human bone marrow stem cells", Nature, Vol. 360, 24/31 December 1992, pp. 745-749					
	HX	Randy A. HOCK et al., "Retrovirus-mediated transfer and expression of drug resistance genes in human haematopoietic progenitor cells", Nature, Vol. 320, March 1986, pp. 275-277					
	HY	A.A. FAUSER et al., "Granuloerythropoietic Colonies in Human Bone Marrow, Peripheral Blood, and Cord Blood" Blood, Vol. 52, No. 6, December 1978, pp. 1243-1248					
	HZ	C.D. MYERS et al., "A Cell Line Secreting Stimulating Factors for CFU-GEMM Culture", Blood, Vol. 64, No. 1 (July) 1984, pp. 152-155					
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<i>SW</i>	IW	Alice M. WANG et al., "Molecular Cloning of the Complementary DNA for Human Tumor Necrosis Factor", Science, Vol. 228, 20 November 1984, pp. 149-154					
<i>I</i>	IX	Colin A. SIEFF et al., "Human Recombinant Granulocyte-Macrophage Colony-Stimulating Factor: A Multilineage Hematopoietin" Science, Vol. 230, 6 December 1985, pp. 1171-1173					
<i>I</i>	IY	Robert E. DONAHUTE et al., "Human IL-3 and GM-CSF Act Synergistically in Stimulating Hematopoiesis in Primates", Science, Vol. 241, 30 September 1988, pp. 1820-1823					
<i>I</i>	IZ	Ronald H. SCHWARTZ, "A Cell Culture Model for T Lymphocyte Clonal Anergy", Science, Vol. 248, 15 June 1990, pp. 1349-1356					
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	JW	Toshio SUDA et al., "A Stimulatory Effect of Recombinant Murine Interleukin-7 (IL-7) on B-Cell Colony Formation and an Inhibitory Effect of IL-1 $\alpha$ ". Blood, Vol. 74, No. 6, November 1, 1989, pp. 1936-1941					
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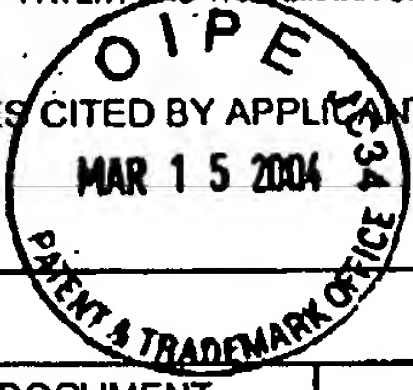
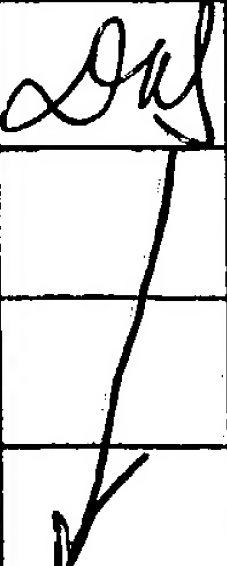
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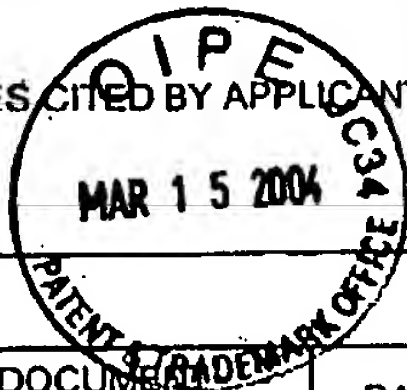

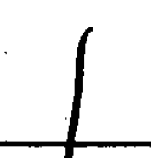
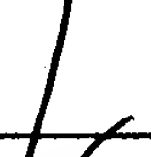



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	MY	Li Lu et al., "Effect of recombinant and purified human haematopoietic growth factors on in vitro colony formation by enriched populations of human megakaryocyte progenitor cells", British Journal of Haematology, 1988, Vol. 70, pp. 149-156					
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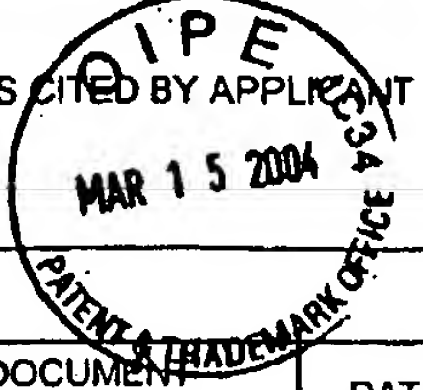
Examiner

*David A. Henderson*

Date Considered

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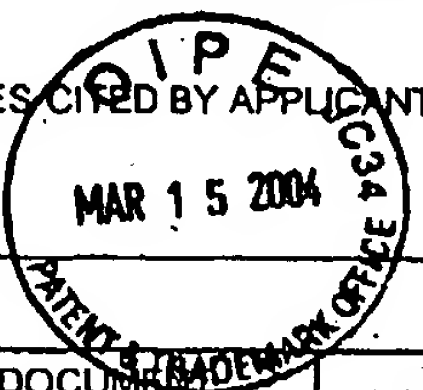
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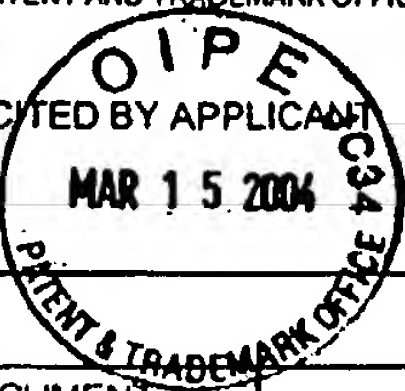
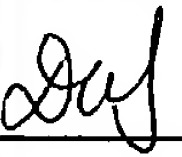
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